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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/087,514	02/28/2002	Hideo Nishijima	16869N-044700US	4080

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EXAMINER

NGUYEN, HUY THANH

ART UNIT	PAPER NUMBER
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2621

DATE MAILED: 07/31/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/087,514	Applicant(s) NISHIJIMA ET AL.	
	Examiner HUY T. NGUYEN	Art Unit 2621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 May 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2 and 10-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 10-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>5/02/06</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-2, and 10-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Aoki (5,943,519).

Regarding claim 1, Aoki discloses an information recording apparatus (figs 2 and 22) , comprising:

a first portable electric power source (20)

a first detector circuit for detecting remaining capacity 5 of said first electric power source (86) ;

an external power source (19)terminal of a second electric power source, being connected to an outside;

a second detector circuit (87) for detecting that the second electric power source is supplied to said external power source terminal;

a recording circuit (41, 67) for recording information on a removable recording medium; and

a finalizing process circuit for executing finalizing process for said recording medium by recording information on the medium when the first detector detecting that the examining capacity of the first electric power supply to the value higher than a predetermined value wherein when either one of the remaining capacity of said first electric power source and voltage of said second electric power source is detected to be equal or higher than a predetermined value, in said first detector circuit and said second detector circuit, operation of finalizing process is started by said finalizing process circuit upon said recording medium (column 7, lines 10-20, column 22, lines 1-65).

Further for claim 2, Aoki further teaches a final process to the medium when both the voltages of both of first power source and the external power source are higher than the predetermine value. (column 22, lines 1-65).

Method claims 12 and 13 correspond to apparatus claims 1 and 2. Therefore method claims 12 and 13 are rejected by the same reason as applied to apparatus claims 1 and 2.

Regarding claims 10 and 11, Aoki further teaches the information recording apparatus is a portable type recording apparatus and the medium is a disc (Fig. 2, column 22, lines 50-65).

Response to Arguments

3. Applicant's arguments filed 10 May 2006 have been fully considered but they are not persuasive.

Applicant argues that "The recited finalizing" has a specific meaning in the optical disk recording arts. The recited finalize process is clearly discussed on page 25, line 18 to page 26, line 13. Aoki does not show the recited finalizing circuit." In fact, Aoki is not even related to the recording media of the present invention." In response, it is noted that applicant's argument does not reflect the claims since nowhere claims do they recite the "finalizing process having a specific meaning in the **optical disk recording arts**" or the detail of the discussion on page 25 line 10 to page 26, line 13. Further Aoki teaches that when the capacity of the power is equal or high that a predetermined value (power ON) the erasing process is applied to the images on the medium, the image erasing process is considered as a finalizing process, and when the power is disconnected from the apparatus (the power supply is lower than a predetermined value) the erasing process is disable.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Mukawa teaches a recording apparatus for recording management information on a medium when the power of the apparatus is restored. Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUY T. NGUYEN whose telephone number is (571) 272-7378. The examiner can normally be reached on 8:30AM -6:00PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Groody can be reached on (571) 272-7950. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

H.N


HUYNH NGUYEN
PRIMARY EXAMINER